OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	9090.0001-02	Appln. No.	10/682,491
Applicant	John Willard HOWARD et al.		
Filing Date	October 10, 2003	Group:	2863

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
UH		4,737,916	04/12/1988	Ogawa et al.	701	200	
UH		4,899,136	02/06/1990	Beard et al.	345	156	
UH		5,113,517	05/12/1992	Beard et al.	703	23	
UH		5,428,546	06/27/1995	Shah et al.	701	207	
UH		5,757,359	05/26/1998	Morimoto et al.	345	156	
UH		5,815,118	09/29/1998	Schipper	342	451	
UH		6,006,161	12/21/1999	Katou	701	212	
UH		6,144,920	11/07/2000	Mikame	701	212	
UH		6,321,158 B1	11/20/2001	DeLorme et al.	701	201	
UH		6,462,676 B1	10/08/2002	Koizumi	340	995.1	
UH		6,487,305 B2	11/26/2002	Kambe et al.	382	113	

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
			LAST ITEM				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

UH	Scott et al., U.S. Patent Appln. 09/821,638, filed March 29, 2001, Publ. No. US2001/0033291 A1.
UH	Scott et al., U.S. Patent Appln. 09/821,170, filed March 29, 2001, Publ. No. US2001/0033292 A1.
UH	Higgins et al., U.S. Patent Appln. 09/820,552, filed March 29, 2001, Publ. No. US2001/0026270 A1.
UH2	Higgins et al., U.S. Patent Appln. 09/821,587, filed March 29, 2001, Publ. No. US2001/0028348 A1.
UH	Higgins et al., U.S. Patent Appln. 09/821,172, filed March 29, 2001, Publ. No. US2001/0026271 A1.

Examiner	UH Thurston	Date Considered	16 AUG 2004

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Applicant	John Willard HOWARD et al.		
Filing Date	Concurrently Herewith	Group:	~~To be assigned~~ 2863

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	A	5,487,139	01/23/1996	Saylor et al.	395	135	
	B	6,377,278	04/23/2002	Curtright et al.	345	634	
	C	6,084,989	07/04/2000	Eppler	382	293	
	D	5,247,356	09/21/1993	Ciampa	358	109	
	E	5,884,216	03/16/1999	Shah et al.	701	207	
	F	5,699,244	12/16/1997	Clark, Jr. et al.	364	420	
	G	5,848,373	12/08/1998	DeLorme et al.	701	200	
	H	5,902,347	05/11/1999	Backman et al.	701	200	
	I	5,596,494	01/21/1997	Kuo	364	420	
	J	5,422,989	06/06/1995	Bell et al.	395	133	
	K	5,592,375	01/07/1997	Salmon et al.	395	207	
	L	5,467,271	11/14/1995	Abel et al.	364	420	
	M	5,842,148	11/24/1998	Prendergast et al.	702	34	
	N	4,885,706	12/05/1989	Pate et al.	364	551.01	
	O	5,414,462	05/09/1995	Veatch	348	135	
	P	5,904,727	05/18/1999	Prabhakaran	701	208	
	Q	6,032,157	02/29/2000	Tamano et al.	707	104	
	R	6,504,571	01/07/2003	Narayanaswami et al.	348	231.99	

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	AA	WO 97/49027	12/24/1997	Europe			
	AB	EP 0 619 554 A2	10/12/1994	Europe			
	AC	EP 0 454 129 A2	10/30/1991	Europe			
	AD	WO 90/14627	11/29/1990	Europe			
				LAST ITEM			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Li et al., "Accuracy Assessment of Mapping Products Produced from the Star-3*i* Airborne IFSAR System."
	Fukunaga et al., "Image Registration Using an Image Graph and its Application to Map Matching," IEE Proceedings-E, Vol. 138, No. 2, March 1991.
	Wang, "Integrating GIS's and Remote Sensing Image Analysis Systems by Unifying Knowledge Representation Schemes," IEEE Transactions on Geoscience and Remote Sensing, Vol. 29, No. 4, p. 656-664, July 1991.
	Roux, "Automatic Registration of Spot Images and Digitized Maps," IEEE, p. 625-628, 1996.

Examiner		Date Considered	16 AUG 2004
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